

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

**1. TYPE OF WORK**

DRILL ☒ DEEPEN ☐ PLUG BACK ☐

**2. TYPE OF WELL**

OIL WELL ☐ GAS WELL ☒ OTHER ☐ ZONE ☐ MULTIPLE ZONE ☒

**3. NAME OF OPERATOR**

**The Houston Exploration Company**

**4. ADDRESS OF OPERATORS**

**1100 Louisiana Suite 2000 Houston, TX 77002**

**5. LOCATION OF WELL (Report location clearly and in accordance with any State requirement)**

at surface **856' FNL & 860' FWL NWNW 647213X 39.881503**  
At proposed prod. Zone **same as above 4415814Y -109.278443**

**6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE**

**72.85 miles South of Vernal, UT**

**7. DISTANCE FROM PROPOSED LOC. TO NEAREST PROP. OR LEASE LINE, FT. (Also to nearest drlg. Unit line, if any)**

**856'**

**8. NO. OF ACRES IN LEASE**

**1,681**

**9. NO. OF ACRES ASSIGNED TO THIS WELL**

**40**

**10. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.**

**1,600'**

**11. PROPOSED DEPTH**

**6,815'**

**12. ROTARY OR CABLE TOOLS**

**Rotary**

**13. ELEVATION (SHOW WHETHER DF, RT, GR, etc.)**

**5,395'**

**14. APPROX. DATE WORK WILL START**

**September 15 2005**

**PROPOSED CASING AND CEMENT PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	36#	2000'	779 sks
7 7/8"	4 1/2"	11.6#	T.D.	600 sks

**The operator requests permission to drill the subject well. Please find the attached 10 point plan and 13 point plan.**

**William A Ryan  
290 S 800 E  
Vernal, UT 84078  
435-789-0968**

**CONFIDENTIAL**

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposed in to deepen or plug back, give data on proposed productive zone and proposed new productive zone. If proposal is to drill or deepen directional, give pertinent data on subsurface location and measure and true vertical depths. Give blowout preventer program, if any.

24

SIGNATURE

**William A. Ryan**

TITLE

**Agent**

DATE

**August 24 2005**

PERMIT NO.

**43-047-306865**

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

**BRADLEY G. HILL  
ENVIRONMENTAL SCIENTIST III**

DATE

**08-31-05**

**\*See Instructions on Reverse Side**

**Federal Approval of this  
Action is Necessary**

Title 18 U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**RECEIVED  
AUG 31 2005**

**DIV OF OIL, GAS & MINING**

# THE HOUSTON EXPLORATION COMPANY

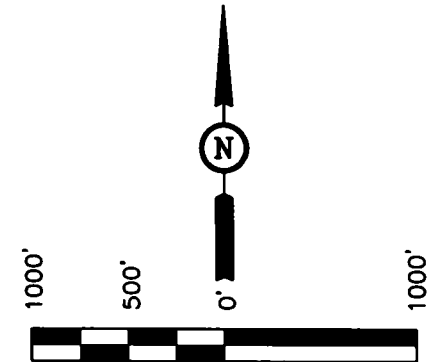
Well location, ASPHALT WASH #4-7-11-24, located as shown in the NW 1/4 NW 1/4 (LOT 2) of Section 7, T11S, R24E, S.L.B.&M. Uintah County, Utah.

## BASIS OF ELEVATION

BENCH MARK (87EAM) IN THE SE 1/4 SW 1/4 OF SECTION 1, T12S, R23E, S.L.B.&M. TAKEN FROM THE ARCHY BENCH SE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5887 FEET.

## BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



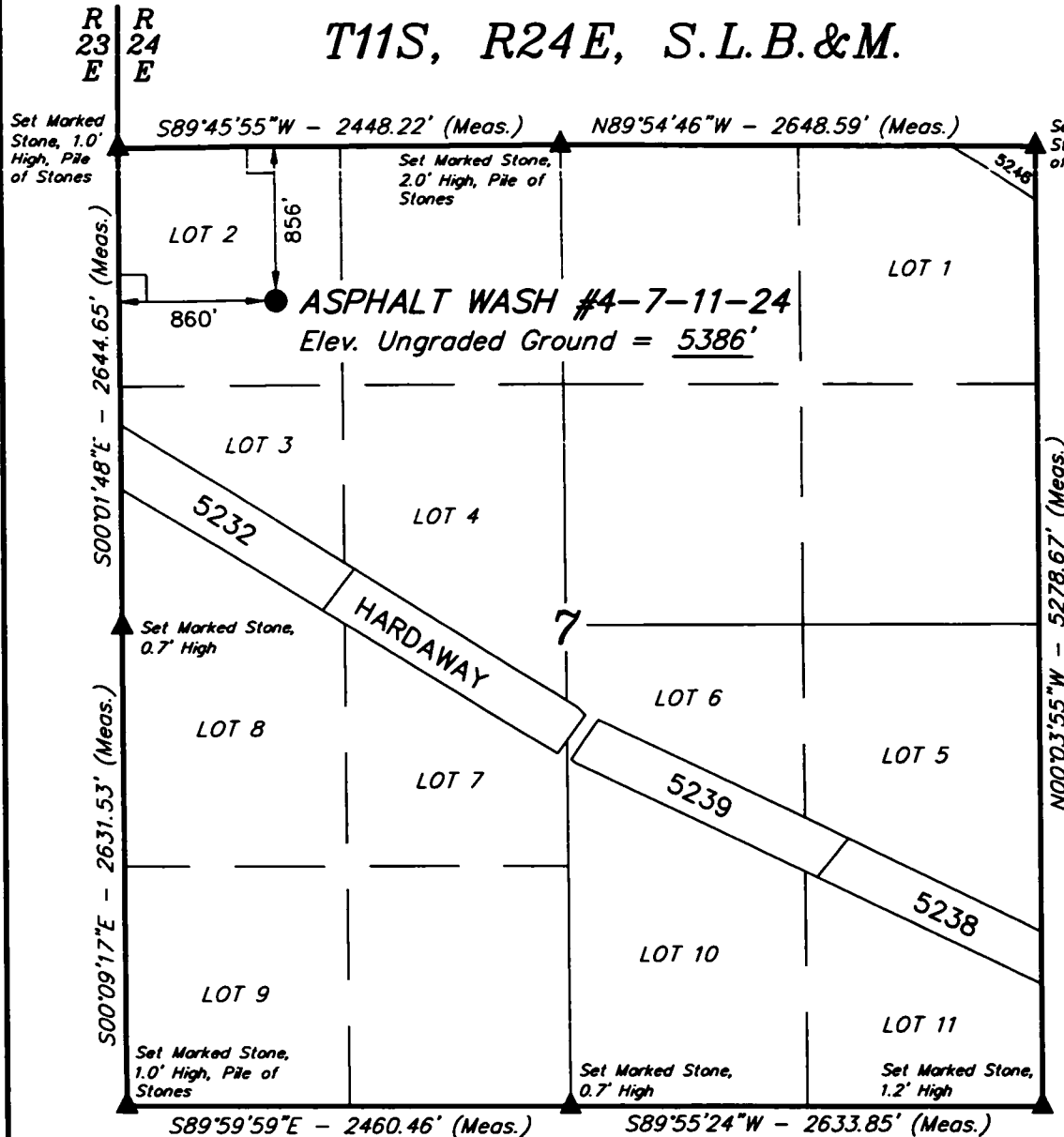
## SCALE CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert H. King*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 05-02-05	DATE DRAWN: 05-06-05
PARTY J.W. S.W. P.M.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE THE HOUSTON EXPLORATION COMPANY	



## LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(AUTONOMOUS NAD 83)

LATITUDE = 39°52'53.04" (39.881400)  
LONGITUDE = 109°16'44.92" (109.279144)

(AUTONOMOUS NAD 27)

LATITUDE = 39°52'53.16" (39.881433)  
LONGITUDE = 109°16'42.49" (109.278469)

## **SELF-CERTIFICATION STATEMENT**

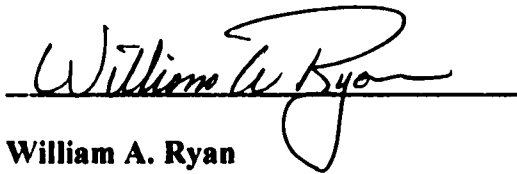
**The following self-certification statement is provided per Federal requirements dated June 15, 1988.**

**Please be advised that The Houston Exploration Company are considered to be the operator of the following well.**

**Asphalt Wash 4-7-11-24  
Section 7, T.11S, R.24E.  
NW 1/4, NW 1/4  
Lease UTU-73919  
Uintah County, Utah**

**The Houston Exploration Company is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.**

**Bond UTB-000062 provides state-wide bond coverage on all Federal lands.**

A handwritten signature in black ink, reading "William A. Ryan", is written over a horizontal line.

**William A. Ryan  
Agent  
Rocky Mountain Consulting  
290 S. 800 E.  
Vernal UT 84078  
435-789-0968 Office  
435-828-0968 Cell  
435-789-0970 Fax  
rmcwar@hotmail.com**

## **Ten Point Plan**

### **The Houston Exploration Company**

**Asphalt Wash 4-7-11-24**

**Surface Location NW ¼ NW ¼, Section 7, T. 11S., R. 24E.**

**1. Surface Formation**  
**Green River**

**2. Estimated Formation Tops and Datum:**

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Green River	Surface	+5,395' G.L.
Uteland Butte Limestone	2,812	+2,583'
Wasatch	2,912	+2,483'
Mesaverda	4,762	+633'
Buck Tounge	6,762	-1,367'
Castlegate	6,837	-1,442'
TD	6,815	-1,420'

A 11" hole will be drilled to 2,000' +/- . The hole depth will depend on the depth that the Birds Nest Zone is encountered. The hole will be drilled 400' beyond the top of the Birds Nest.

**3. Producing Formation Depth:**

Formation objective includes the Green River, Wasatch, Mesaverde and its sub-members.

**Off Set Well information**

**Permitted/Drilled:**

Asphalt Wash 1-7-11-24  
Asphalt Wash 2-7-11-24  
Asphalt Wash 6-7-11-24  
Asphalt Wash 7-7-11-24  
Asphalt Wash 8-7-11-24

**Abandoned Wells:**

RU #3  
RU #5  
RU #8

**Shut in Wells:**

RU #4  
RU #7

#### 4. Proposed Casing:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight/FT</u>	<u>Grade</u>	<u>Coupling &amp; Tread</u>	<u>Casing Depth</u>	<u>New/Used</u>
11	8 5/8	36#	J-55	STC	2000	NEW
7 7/8	4 1/2	11.6#	N-80	LTC	T.D.	NEW

#### Cement Program:

The Surface Casing will be cemented to the Surface as follows:

	<u>Casing Size</u>	<u>Cement Type</u>	<u>Cement Amounts</u>	<u>Cement Yield</u>	<u>Cement Weight</u>
Lead:	8 5/8	Premium Lite II .05#/sk Static Free .25#/sk Cello Flake 5#/sk KOL Seal .002 gps FP-6L 10% Bentonite .5% Sodium Metasilicate 3% Potassium Chloride	250 sks. +/-	3.38ft³/sk	11.0 ppg
Tail:	8 5/8	Class "G" 2% Calcium Chloride .25#/sk Cello Flake	329 sks. +/-	1.2ft³/sk	15.6 ppg
Top Job:	8 5/8	4% Calcium Chloride .25#/sk Cello Flake	200 sks. +/-	1.10ft³/sk	15.6 ppg

Production casing will be cemented to 2,500' or higher as follows:

	<u>Casing Size</u>	<u>Cement Type</u>	<u>Cement Amounts</u>	<u>Cement Yield</u>	<u>Cement Weight</u>
Lead:					
	4 1/2	Premium Lite II .25#/sk Cello Flake .05#/sk Static Free 5#/sk Kol Seal 3% Potassium Chloride .055 gps FP-6L 10% Bentonite .5 Sodium Metasilicate	200 sks +/-	3.3ft³/sk	11.0 ppg
Tail:					
	4 1/2	Class "G" .05% Static Free 2 Sodium Chloride .1% R-3 2% Bentonite	400 sks +/-	1.56ft³/sk	14.3 ppg

##### **5. BOP and Pressure Containment Data:**

The anticipated bottom hole pressure will be less than 3000 psi.

A 3000-psi WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from the 8 5/8" surface casing. The BOP system including the casing will be pressure tested to minimum standards set forth in "On Shore Order #2". The BOP will be mechanically checked daily during the drilling operation.

#### 6. Mud Program:

<u>Interval</u>	<u>Mud weight lbs./gal.</u>	<u>Viscosity Sec./OT.</u>	<u>Fluid Loss Ml/30 Mins.</u>	<u>Mud Type</u>
0-2000	Air/Clear Water	-----	No Control	Water/Gel
2000-T.D.	8.4-12.0	30	8-10	Water/Gel

#### 7. Auxiliary Equipment

Upper Kelly cock, full opening stabbing valve, 2 ½" choke manifold and pit level indicator.

#### 8. Testing, Coring, Sampling and Logging:

- a) Test: None are anticipated.
- b) Coring: There is the possibility of sidewall coring.
- c) Sampling: Every 10' from 2000' to T.D.
- d) Logging: 

Type	Interval
DLL/SFL W/GR and SP	T.D. to Surf. Csg
FDC/CNL W/GR and CAL	T.D. to Surf. Csg

#### 9. Abnormalities (including sour gas):

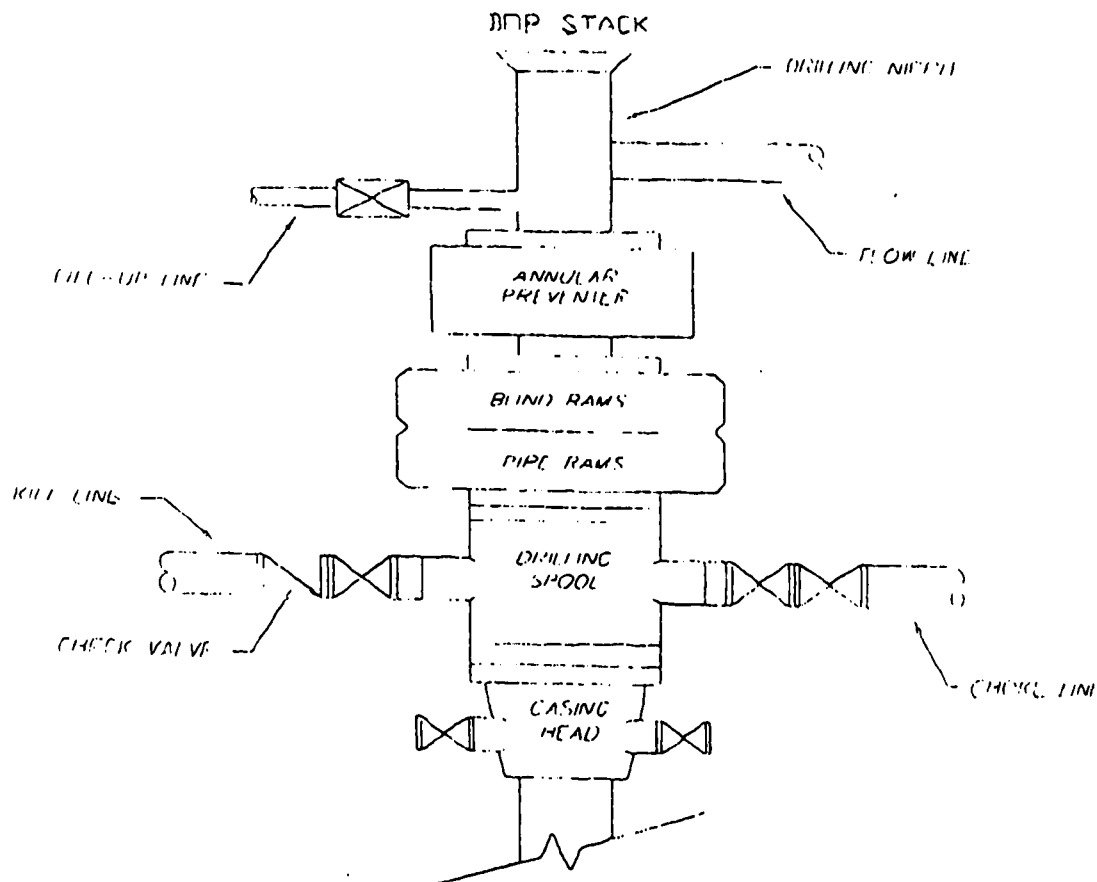
No abnormal pressures, temperatures or other hazards are anticipated. Oil and gas shows are anticipated in the Wasatch Formation. Other wells drilled in the area have not encountered over pressured zones or H<sub>2</sub>S.

#### 10. Drilling Schedule:

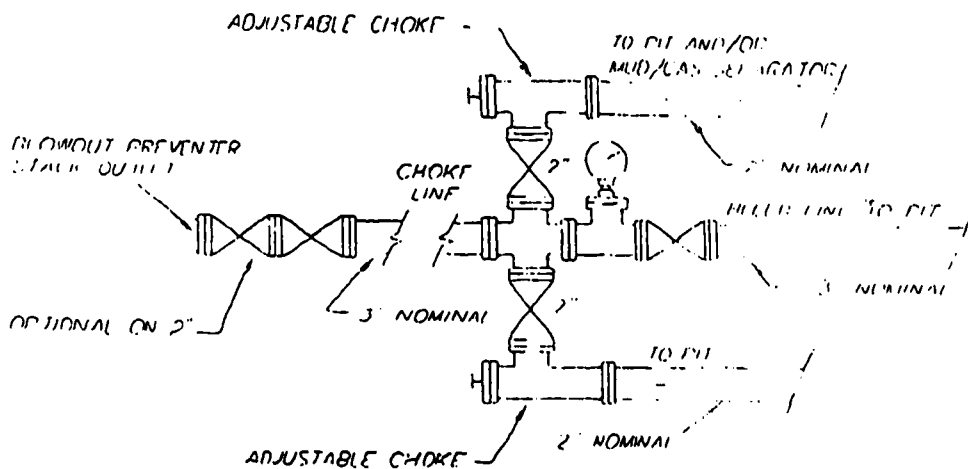
The anticipated starting date is 9/15/2005. Duration of operations is expected to be 30 days.

# THE HOUSTON EXPLORATION COMPANY

## TYPICAL 3,000 psi BLOWOUT PREVENTER SCHEMATIC

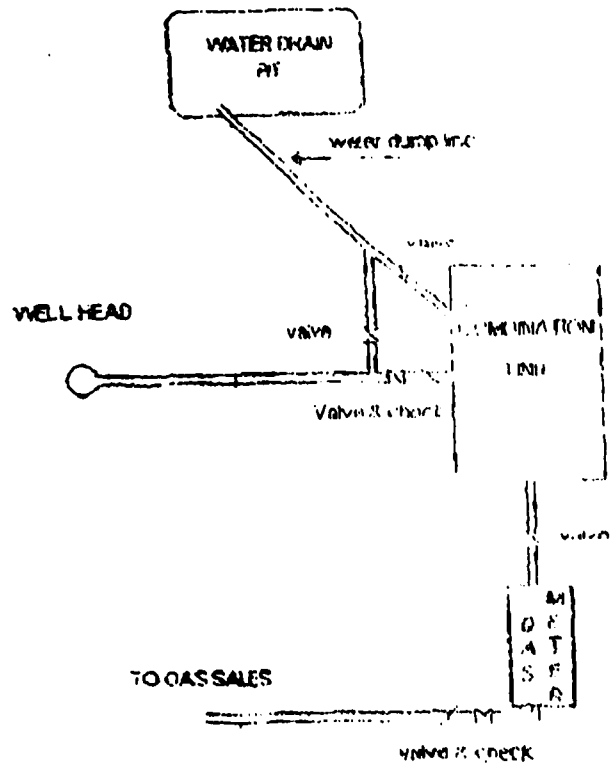


## TYPICAL 3,000 psi CHOKER MANIFOLD SCHEMATIC





TYPICAL  
CASTWELL



**THE HOUSTON EXPLORATION COMPANY**

**13 POINT SURFACE USE PLAN**

**FOR WELL**

**ASPHALT WASH 4-7-11-24**

**LOCATED IN NW  $\frac{1}{4}$  NW  $\frac{1}{4}$**

**SECTION 7, T. 11S, R24E, S.L.B.&M.**

**UINTAH COUNTY, UTAH**

**LEASE NUMBER: UTU-73919**

**SURFACE OWNERSHIP: FEDERAL**

**1. Existing Roads:**

**To reach The Houston Exploration Co well Asphalt Wash #4-7-11-24 in Section 7, T11S, R 24E, Starting in Vernal, Utah.**

**Proceed in an easterly, then southerly direction from Vernal, Utah along U.S. Highway 40 approximately 3.9 miles to the junction of State Highway 45; exit right and proceed in a southerly direction approximately 41.5 miles on paved State Highway 45 to the junction of this road and gravel State Highway 45 to the southeast; turn left and proceed in a southeasterly direction approximately 3.8 miles to the junction of this road and State Highway 207 to the southwest; turn right and proceed in a southwesterly direction approximately 7.7 miles to the junction of this road and an existing road to the northwest; turn right and proceed in a northwesterly, then southwesterly direction approximately 2.2 miles to the junction of this road and an existing road to the west; turn right and proceed in a northwesterly direction approximately 3.4 miles to the beginning of the proposed access to the northwest; follow road flags in a northwesterly, then southwesterly direction approximately 0.35 miles to the proposed location.**

**Total distance from Vernal, Utah to the proposed well location is approximately 62.85 miles.**

All existing roads to the proposed location are State of Utah, BLM maintained or County Class D roads. Please see the attached map for additional details.

**2. Planned access road**

**The proposed access road will be approximately 1848' +/- of new construction on lease. The road will be graded once per year minimum and maintained.**

- A) Approximate length 1848 ft**
- B) Right of Way width 30 ft**
- C) Running surface 18 ft**
- D) Surface material Native soil**
- E) Maximum grade 5%**
- F) Fence crossing None**
- G) Culvert One**
- H) Turnouts None**
- I) Major cuts and fills None**
- J) Road Flagged Yes**
- K) Access road surface ownership Federal**
- L) All new construction on lease Yes**
- M) Pipe line crossing None**

Please see the attached location plat for additional details.

**An off lease right-of-way will not be required.**

All surface disturbances for the road and location will be within the lease boundary.

**3. Location of existing wells**

The following wells are located within a one-mile radius of the location site.

<b>A) Producing well</b>	<b>None</b>
<b>B) Water well</b>	<b>None</b>
<b>C) Abandoned well</b>	
<b>RU #3</b>	
<b>RU #5</b>	
<b>RU #4</b>	
<b>RU #7</b>	
<b>RU #8</b>	
<b>D) Temp. abandoned well</b>	<b>None</b>
<b>E) Disposal well</b>	<b>None</b>
<b>F) Drilling /Permitted well</b>	
<b>Asphalt Wash 8-7-11-24</b>	
<b>Asphalt Wash 2-7-11-24</b>	
<b>Asphalt Wash 1-7-11-24</b>	
<b>Asphalt Wash 7-7-11-24</b>	
<b>Asphalt Wash 6-7-11-24</b>	
<b>Asphalt Wash 11-7-11-24</b>	
<b>G) Shut in wells</b>	<b>None</b>
<b>H) Injection well</b>	<b>None</b>
<b>I) Monitoring or observation well</b>	<b>None</b>

Please see the attached map for additional details.

**4. Location of tank batteries, production facilities and production gathering service lines.**

All production facilities are to be contained within the proposed location site. Please see the attached plat plan for a typical gas well separator installation and well site piping.

All permanent (on site for more than six months or longer) structures constructed or installed will be painted an **Olive Black Color**. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded. The

required paint color is an **Olive Black Color**.

All tanks will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank in the battery. The integrity of the dike will be maintained.

The operator will adhere to all site security guidelines and regulation identified in 43 cfr 3126.7.

All off lease storage, off lease measurement, commingling on lease or off lease, of production, will have prior written approval from the authorized officer.

If the well is capable of economic production a surface gas line will be required.

**Approximately 1,818' +/- of 3" steel surface gas gathering line would be constructed on Federal Lands as determined at the onsite with Karl Wright on 8/3/05, due to topography and bedrock sandstone. The proposed pipeline will tie in to an existing pipeline in Section 6, Township 11S, Range 24 East. The pipeline will be strung and boomed to the east of the location and the south of the access road. A 15' permanent width would be required with a temporary width of 30' for construction for one week.**

**An off lease right-of-way will not be required.**

**Please see the attached location diagrams for pipeline location.**

The gas meter run will be located within 500' of the wellhead. The gas line will be buried or anchored down from the wellhead to the meter. Meter runs will be housed and/or fenced.

The gas meter will be calibrated and the tank strapped in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The authorized officer will be provided with a date and time for the initial meter calibration and all future meter-proving schedules. A copy of the meter calibration report will be submitted to the BLM's Vernal District office and State of Utah, Division of Oil, Gas, and Mining. All measurement facilities will conform to API (American Petroleum Institute) and AGA (American Gas Association) standards for gas and liquid hydrocarbon measurement.

#### 5. Location and type of water supply

**Water for drilling and cementing will come from the White River at Asphalt Wash Sec. 24, T10S, R23E, Permit # - T75514.**

#### 6. Source of construction materials

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. Additional road gravel

or pit lining material will be obtained from private resources.

#### 7. Methods for handling waste disposal

##### A) Pit construction and liners:

The reserve pit will be approximately 12 ft. deep and most of the depth shall be below the surface of the existing ground. Please see the attached plat for details.

The reserve pit will be lined.

The reserve pit will be used to store water for drilling. A semi-closed system will be used to drill the well. All fresh water for drilling will come from a frac tank placed on location and from the rig tank. The pit will be used to hold non-flammable materials such as cuttings, salt, drilling fluids, chemicals, produced fluids, etc.

##### B) Produced fluids:

Produced water will be confined to the reserve pit, or if deemed necessary, a storage tank for a period not to exceed 90 days after initial production. During the 90-day period an application for approval for permanent disposal method and location will be submitted to the authorized officer. **A pumping system used for evaporation may be used in place of trucking produced and drilling fluids from the location to facilitate**

**the closing and reclamation of the reserve pit.**

**C) Garbage:**

A trash cage fabricated from expanded metal will be used to hold trash on location and will be removed to an authorized landfill location.

**D) Sewage:**

A portable chemical toilet will be supplied for human waste.

**E) Site clean-up:**

After the rig is moved off the location the well site area will be cleaned and all refuse removed.

**8. Ancillary facilities**

There are no ancillary facilities planned at this time and none are foreseen for the future.

**9. Well-site layout**

Location dimensions are as follows:

- A) Pad length 345 ft**
- B) Pad width 225 ft**
- C) Pit depth 12 ft**
- D) Pit length 175 ft**
- E) Pit width 65 ft**
- F) Max cut 72.7 ft**
- G) Max fill 22.8 ft**
- H) Total cut yds. 35,730 cu yds**
- I) Pit location west side**
- J) Top soil location south end**
- K) Access road location east end**

**L) Flare Pit corner B**

Please see the attached location diagram for additional details.

All pits will be fenced according to the following minimum standards:

- A) Thirty nine inch net wire shall be used with at least one strand of wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.**
- B) The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.**
- C) Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.**
- D) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 ft.**
- E) All wire shall be stretched by using a stretching device before it is attached to the corner posts.**

**10. Plans for restoration of the surface**

Prior to construction of the location, the top 6 inches of soil material will be stripped off the location and the pit area. The topsoil removed and

piled will amount to approximately **2,310** cubic yards of material. Topsoil will be stockpiled in one distinct pile. Placement of the topsoil is noted on the attached location plat. The topsoil pile from the location will be seeded as soon as the soil is stock piled with the seed mix listed. When all drilling and completion activities have been completed and the pit back-filled the topsoil from the pit area will be spread on the pit area. The pit area will be seeded when the soil has been spread. The unused portion of the location (the area outside the dead men) will be re-contoured.

The dirt contractor will be provided with an approved copy of the surface use plan prior to construction activities.

Changes to the drainage during the construction activities shall be restored to its original line of flow or as near as possible when the pit is back-filled

All disturbed areas will be re-contoured to the approximate natural contours. Prior to back filling the pit the fences around the reserve pit will be removed.

The reserve pit will be reclaimed within 90 days of well completion. If the reserve pit has not dried sufficiently to allow back filling, an extension on the time requirement for back filling the pit will be requested. Once reclamation activities have begun, they shall be completed within 30 days.

After the reserve pit has been reclaimed, no depressions in the soil covering the reserve pit will be allowed. The objective is to keep seasonal rainfall and run off from seeping into the soil used to cover the reserve pit. Diversion ditches and water bars will be used to divert the run off as needed.

When restoration activities have been completed, the location site and new access road cuts and shoulders shall be reseeded. Prior to reseeding, all disturbed areas will be scarified and left with a rough surface.

**A) Seeding dates:**

Seed will be spread when topsoil is stock piled and when reclamation work is performed.

The seed mix and quantity list will be used whether the seed is broadcast or drilled.

**B) Seed Mix**

**3#/ 4-Wing**  
**3#/ Western Wheat Grass**  
**3#/ Needle and Thread Grass**  
**3#/ Big Wyoming Sage**

**11. Surface ownership:**

<b>Access road</b>	<b>Federal</b>
<b>Location</b>	<b>Federal</b>
<b>Pipe line</b>	<b>Federal</b>

12. Other information:

A) Vegetation

The vegetation coverage is Slight. The majority of the existing vegetation consists of non-native species. Rabbit brush, bitter brush, and Indian Rice grass and Sagebrush are also found on the location.

B) Dwellings:

There are no dwelling or other facilities within a one-mile radius of the location.

C) Archeology:

The location has been surveyed. A copy of that survey will be forwarded to your office.

If, during operations, any archaeological or historical sites, or any objects of antiquity (subject to the antiquities act of June 8, 1906) are discovered, all operations, which would affect such sites, will be suspended and the discovery reported promptly to the surface management agency.

D) Water:

**The nearest water is the White River located 4 miles to the North.**

E) Chemicals:

No pesticides, herbicides or other possible hazardous chemicals will be used without

prior application.

F) Notification:

- a) Location Construction  
At least forty eight (48) hours prior to construction of location and access roads.
- b) Location completion  
Prior to moving on the drilling rig.
- c) Spud notice  
At least twenty-four (24) hours prior to spudding the well.
- d) Casing string and cementing  
At least twenty-four (24) hours prior to running casing and cementing all casing strings.
- e) BOP and related equipment tests  
At least twenty-four (24) hours prior to initial pressure tests.
- f) First production notice  
Within five (5) business days after the new well begins, or production resumes after well has been off production for more than 90 days.

G) Flare pit:

The flare pit will be located in corner B of the reserve pit outside the pit fences and 100 feet from the bore hole on the east side of the location. All fluids will be removed from the pit within 48 hours of occurrence.



13. Lessees or Operator's representative and certification

A) Representative

William A. Ryan  
Rocky Mountain Consulting  
290 S 800 E  
Vernal, UT 84078  
Office 435-789-0968  
Fax 435-789-0970  
Cellular 435-828-0968

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, onshore oil and gas orders, and any applicable notices to lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.


This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

B) Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill-site and access route that I am familiar with the conditions which presently exist, that the statements made in this plan are, to the best of my knowledge and belief, true and correct, and that the work

associated with the operation proposed herein will be preformed by The Houston Exploration Company and its contractors and subcontractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

Date: August 22, 2005

  
William A. Ryan, Agent  
Rocky Mountain Consulting

**Onsite Dates: 8/3/05**

### **Statement of use of Hazardous Materials**

No chemical(s) from the EPA's consolidated list of Chemicals subject to Reporting under Title III of the Superfund Amendments and Reauthorization, Act (SARA) of 1986 will be used, produced, transported, stored, disposed, or associated with the proposed action. No extremely hazardous substances, as defined in 40 cfr 355, will be used, produced, stored, transported, disposed, or associated with the proposed action.

If you require additional information please contact:

William A Ryan  
Agent for The Houston Exploration Company  
Rocky Mountain Consulting  
290 S 800 E  
Vernal, UT 84078

435-789-0968 Office  
435-828-0968 Cell  
435-789-0970 Fax

# THE HOUSTON EXPLORATION COMPANY

**ASPHALT WASH #4-7-11-24**

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 7, T11S, R24E, S.L.B.&M.



PHOTO: VIEW FROM PIT CORNER "C" TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

**U E L S** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

**LOCATION PHOTOS**

**05 09 05**  
MONTH DAY YEAR

**PHOTO**

TAKEN BY: J.W.

DRAWN BY: C.P.

REVISED: 00-00-00

# THE HOUSTON EXPLORATION COMPANY

FIGURE #1

## LOCATION LAYOUT FOR

ASPHALT WASH #4-7-11-24  
SECTION 7, T11S, R24E, S.L.B.&M.  
856' FNL 860' FWL

Proposed Access Road

Install CMP as Needed

F-15.4'  
El. 379.9'

Sta. 3+45

Approx. Toe of Fill Slope

Sta. 1+65

Sta. 0+00



SCALE: 1" = 50'  
DATE: 05-06-05  
Drawn By: P.M.  
Revised: 08-16-05

### NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.

CONSTRUCT DIVERSION DITCH

Total Pit Capacity W/2' of Freeboard = 12,200 Bbls ±  
Total Pit Volume = 3,330 Cu. Yds.

### NOTE:

Earthwork Calculations Require a Fill of 9.5' @ the Location Stake For Balance. All Fill is to be Compacted to a Minimum of 95% of the Maximum Dry Density Obtained by AASHTO Method t-99.

Round Corners as needed

DATA

F-5.5'  
El. 389.8'

C-5.7'  
El. 401.0'

F-5.1'  
El. 390.2'

F-9.5'  
El. 385.8'

El. 408.6'  
C-25.3'  
(btm. pit)

F-3.1'  
El. 392.2'

F-7.4'  
El. 387.9'

C-3.2'  
El. 398.5'

El. 456.0'  
C-72.7'  
(btm. pit)

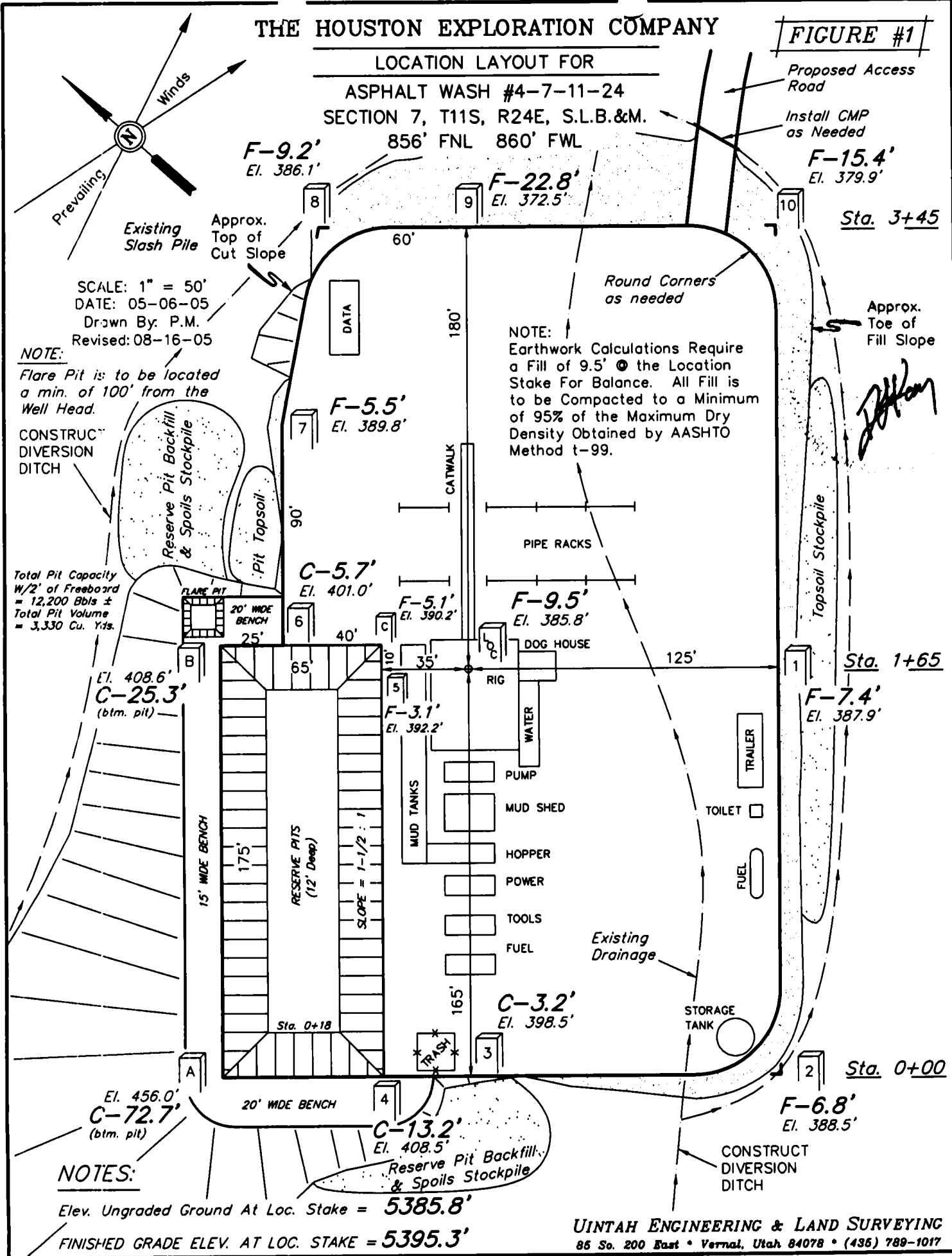
C-13.2'  
El. 408.5'

F-6.8'  
El. 388.5'

### NOTES:

Elev. Ungraded Ground At Loc. Stake = 5385.8'  
FINISHED GRADE ELEV. AT LOC. STAKE = 5395.3'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017



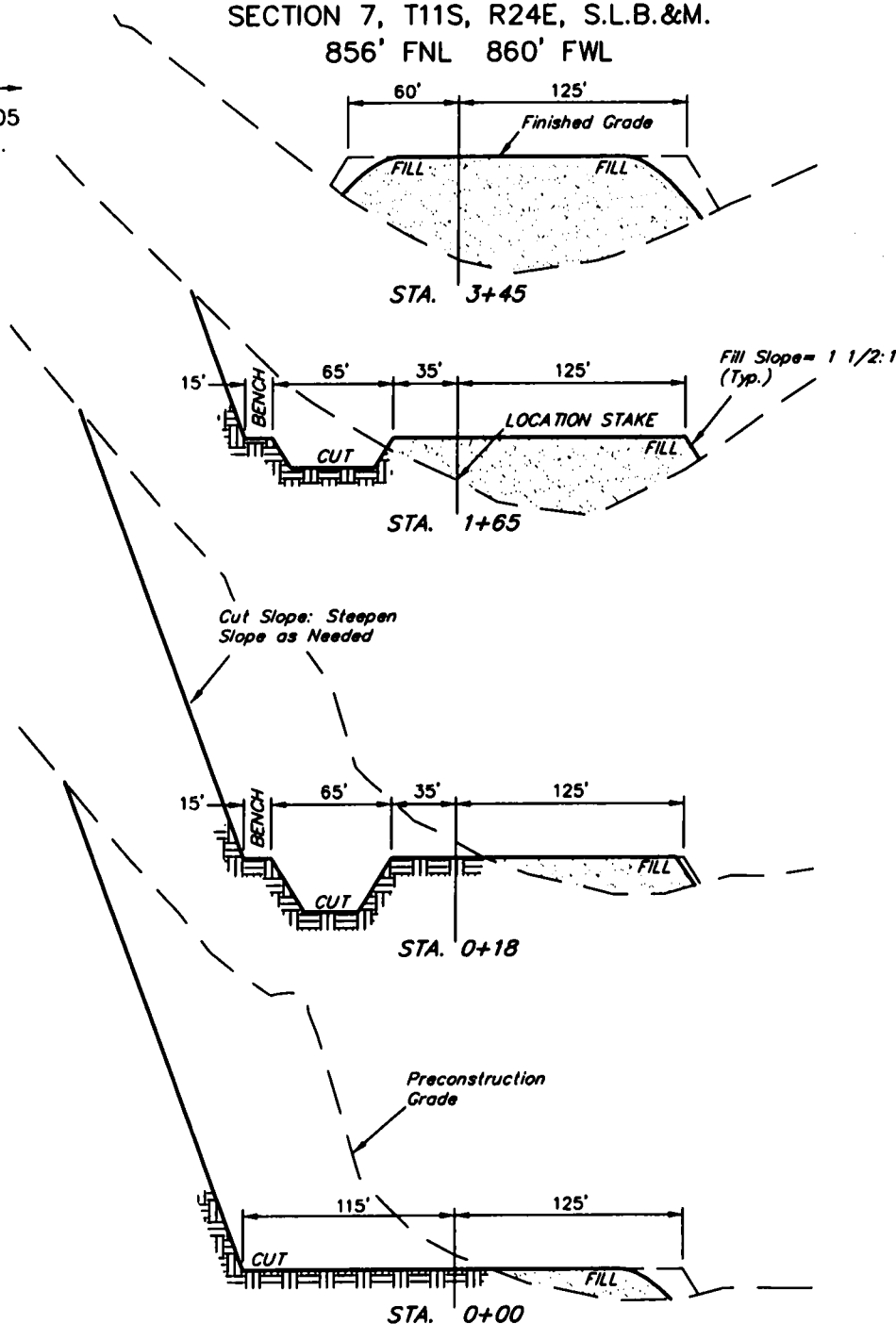
# THE HOUSTON EXPLORATION COMPANY

FIGURE #2

## TYPICAL CROSS SECTIONS FOR ASPHALT WASH #4-7-11-24 SECTION 7, T11S, R24E, S.L.B.&M. 856' FNL 860' FWL

1" = 40'  
X-Section  
Scale  
1" = 100'

DATE: 05-06-05  
Drawn By: P.M.



\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

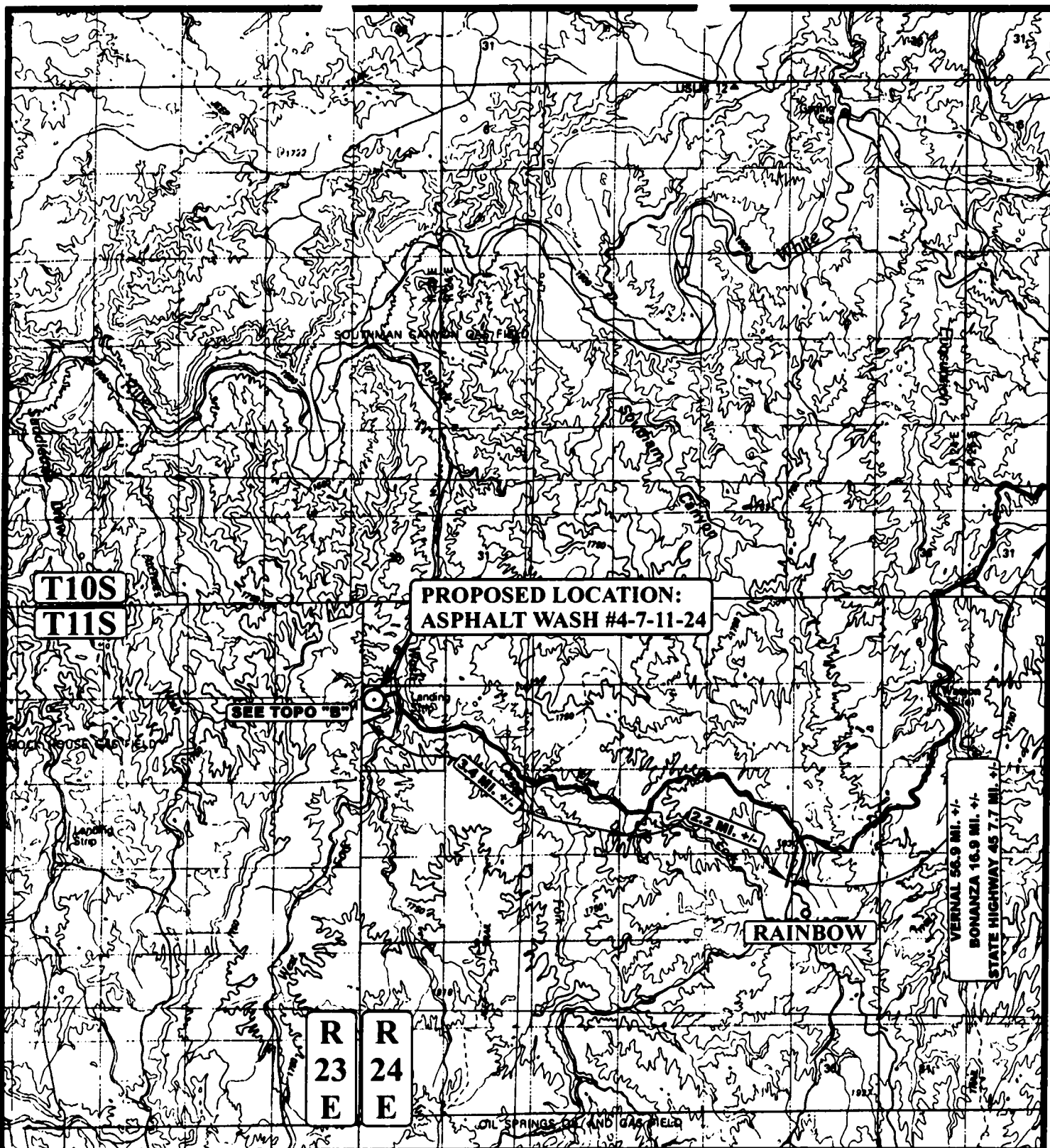
### APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 2,310 Cu. Yds.
Remaining Location	= 33,420 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 35,730 CU.YDS.</b>
<b>FILL</b>	<b>= 31,760 CU.YDS.</b>

EXCESS MATERIAL	= 3,970 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,970 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

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# **LEGEND:**

○ PROPOSED LOCATION



## **THE HOUSTON EXPLORATION COMPANY**

ASPHALT WASH #4-7-11-24  
SECTION 7, T11S, R24E, S.L.B.&M.  
856' FNL 860' FWL



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

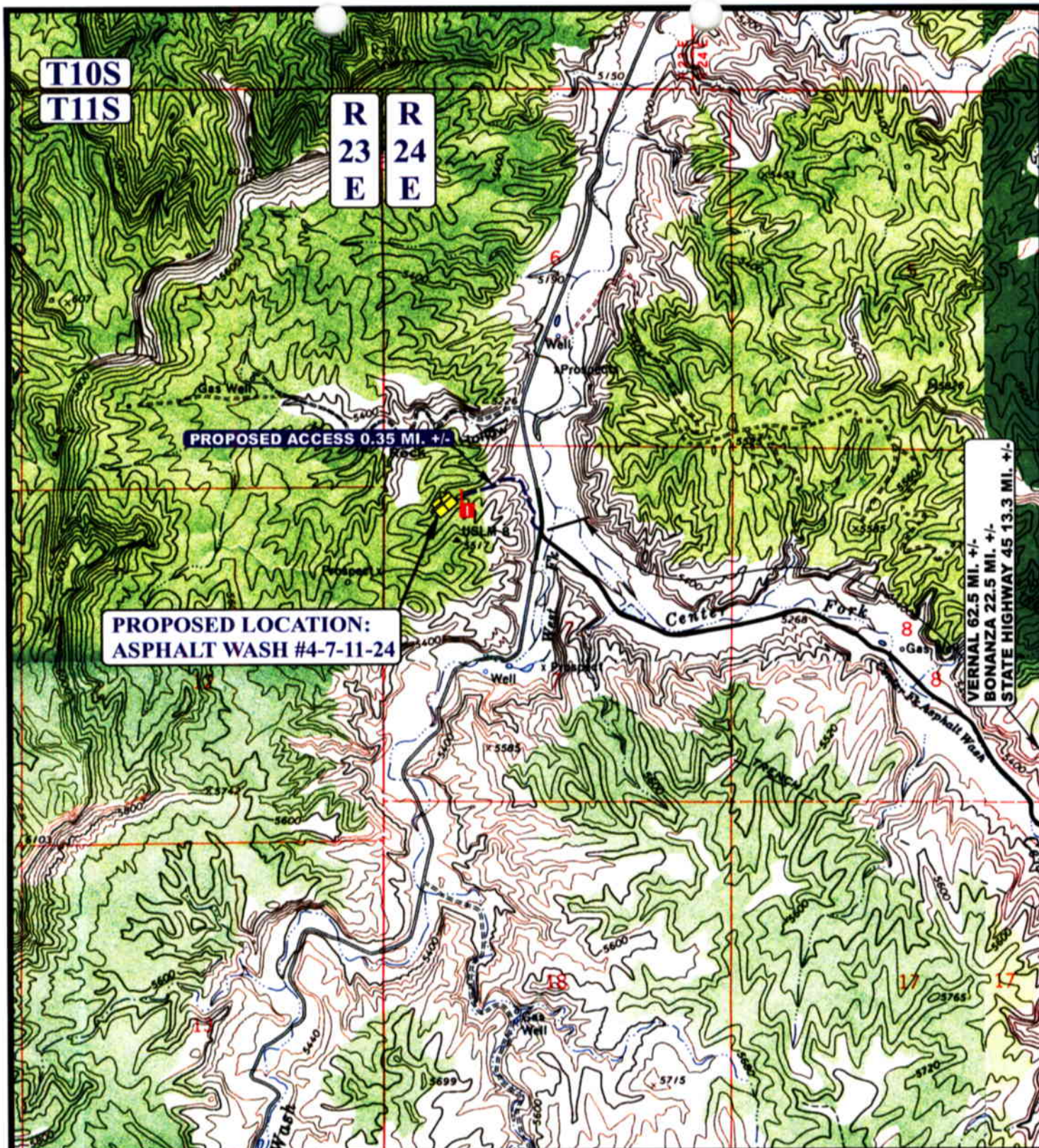
TOPOGRAPHIC  
MAP

05 09 05  
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: C.P. REVISED: 07-30-05







# **LEGEND:**

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- 18" CMP REQUIRED

## **THE HOUSTON EXPLORATION COMPANY**

**ASPHALT WASH #4-7-11-24**  
**SECTION 7, T11S, R24E, S.L.B.&M.**  
**856' FNL 860' FWL**



**Utah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



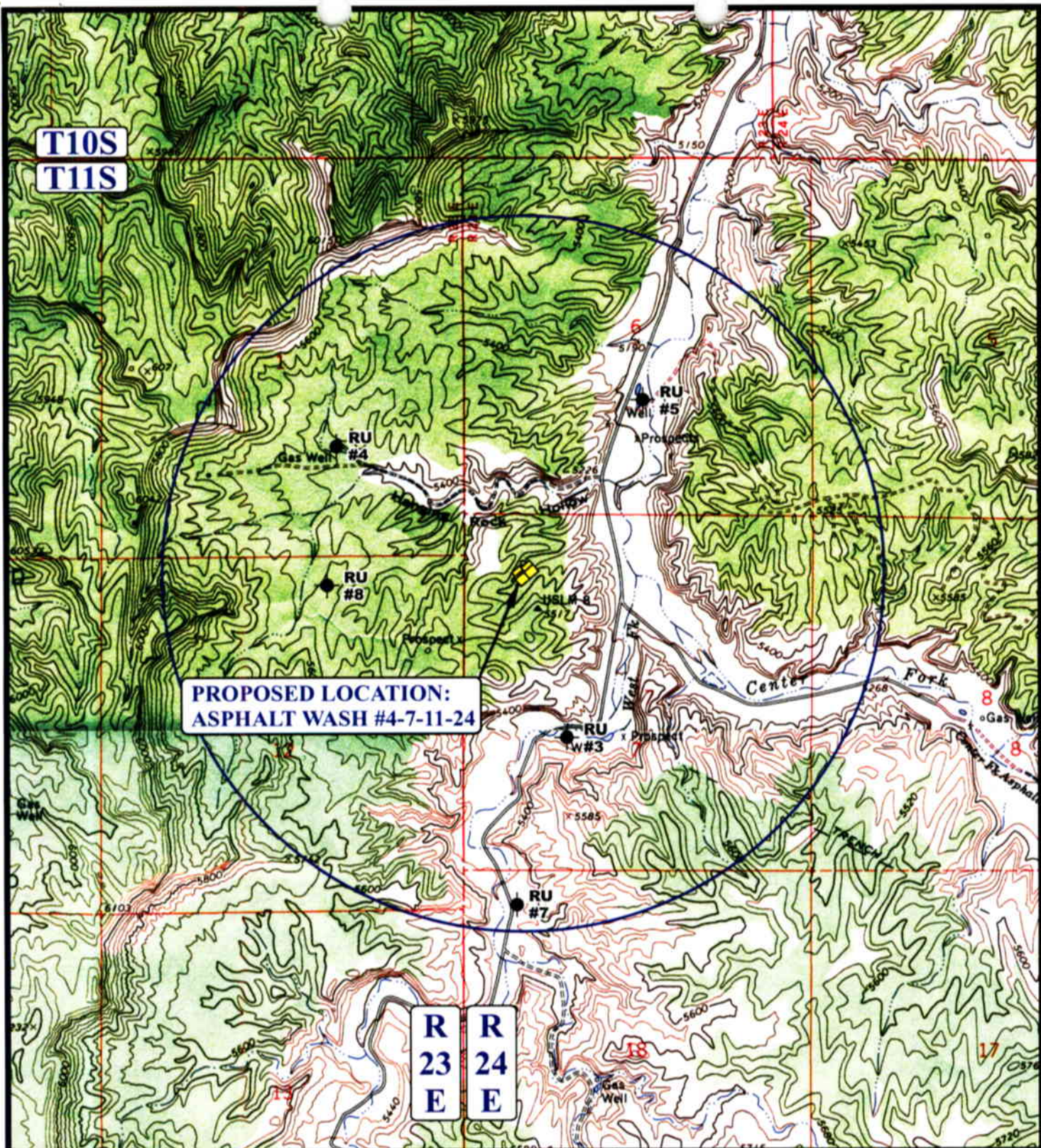
**TOPOGRAPHIC**  
**MAP**

**05 09 05**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 07-30-05

**B**  
**TOPO**





# LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED



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## THE HOUSTON EXPLORATION COMPANY

**ASPHALT WASH #4-7-11-24**  
**SECTION 7, T11S, R24E, S.L.B.&M.**  
**856' FNL 860' FWL**

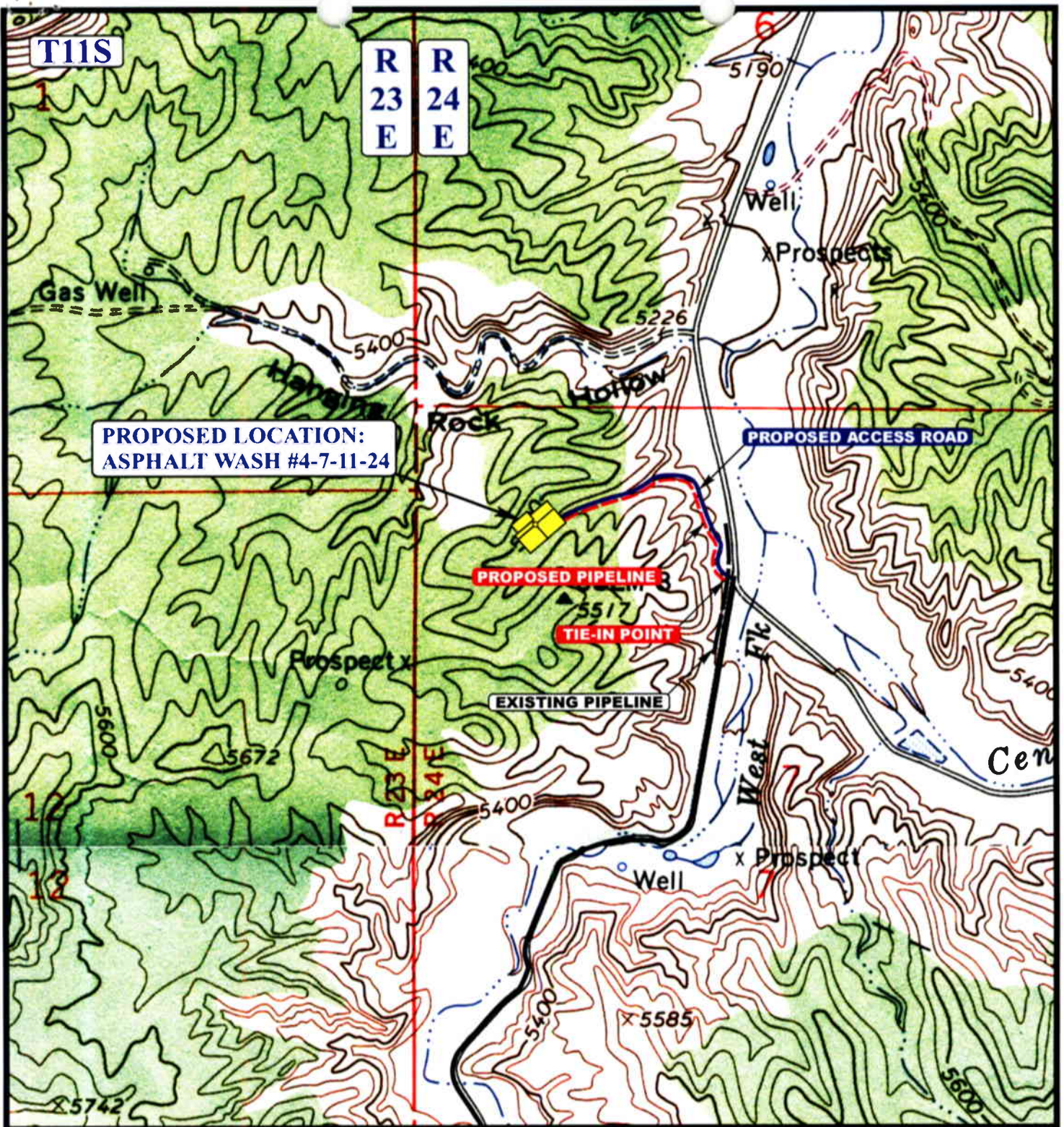
**TOPOGRAPHIC**  
**MAP**

**05 09 05**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00







**PROPOSED LOCATION:  
ASPHALT WASH #4-7-11-24**

**PROPOSED ACCESS ROAD**

**PROPOSED PIPELINE**

**TIE-IN POINT**

**EXISTING PIPELINE**

**APPROXIMATE TOTAL PIPELINE DISTANCE = 1,818' +/-**

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- - - - - PROPOSED PIPELINE

**N**

**THE HOUSTON EXPLORATION COMPANY**

**ASPHALT WASH #4-7-11-24  
SECTION 7, T11S, R24E, S.L.B.&M.  
856' FNL 860' FWL**



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC  
MAP**

**05 09 05**  
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: C.P. REVISED: 00-00-00





**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 08/31/2005

API NO. ASSIGNED: 43-047-37085

WELL NAME: ASPHALT WASH 4-7-11-24  
OPERATOR: HOUSTON EXPLORATION CO, ( N2525 )  
CONTACT: BILL RYAN

PHONE NUMBER: 435-789-0968

**PROPOSED LOCATION:**

NWNW 07 110S 240E  
SURFACE: 0856 FNL 0860 FWL  
BOTTOM: 0856 FNL 0860 FWL  
UINTAH  
ROCK HOUSE ( 670 )

LEASE TYPE: 1 - Federal  
LEASE NUMBER: UTU-73919  
SURFACE OWNER: 1 - Federal  
PROPOSED FORMATION: CSLGT  
COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 39.88150

LONGITUDE: -109.2784

**RECEIVED AND/OR REVIEWED:**

☒ Plat  
☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UTB000062 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. T75514 )  
☒ RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )  
☒ Fee Surf Agreement (Y/N)  
☒ Intent to Commingle (Y/N)

**LOCATION AND SITING:**

       R649-2-3.  
Unit \_\_\_\_\_  
☒ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells  
       R649-3-3. Exception  
       Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_  
       R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_

STIPULATIONS: 1- Easing Approval

2- Spacing Sdp

## T10S R24E

T11S R24E
















RAINBOW  
UNIT 6

## RAINBOW UNIT

**SPACING: R649-3-2 / GENERAL SITING**

 ABANDONED  
 ACTIVE  
 COMBINED  
 INACTIVE  
 PROPOSED  
 STORAGE  
 TERMINATED

EXPLORATORY  
 GAS STORAGE  
 NF PP OIL  
 NF SECONDARY  
 PENDING  
 PI OIL  
 PP GAS  
 PP GEOTHERML  
 PP OIL  
 SECONDARY  
 TERMINATED

-  **GAS INJECTION**
-  **GAS STORAGE**
-  **LOCATION ABANDONED**
-  **NEW LOCATION**
-  **PLUGGED & ABANDONED**
-  **PRODUCING GAS**
-  **PRODUCING OIL**
-  **SHUT-IN GAS**
-  **SHUT-IN OIL**
-  **TEMP. ABANDONED**
-  **TEST WELL**
-  **WATER INJECTION**
-  **WATER SUPPLY**
-  **WATER DISPOSAL**
-  **DRILLING**



## Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 31-AUG-2005



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

August 31, 2005

Houston Exploration Company  
1100 Louisiana, Suite 2000  
Houston, TX 77002

Re: Asphalt Wash 4-7-11-24 Well, 856' FNL, 860' FWL, NW NW, Sec. 7,  
T. 11 South, R. 24 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37085.

Sincerely,

*K. Michael Huntsman*

*For* Gil Hunt  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

**Operator:** Houston Exploration Company  
**Well Name & Number** Asphalt Wash 4-7-11-24  
**API Number:** 43-047-37085  
**Lease:** UTU-73919

**Location:** NW NW                      **Sec.** 7                      **T.** 11 South                      **R.** 24 East

### **Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

**3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.**

**5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.**

**OPERATOR CHANGE WORKSHEET****ROUTING**

1. DJJ

2. CDW

**X Change of Operator (Well Sold)**

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

**9/1/2005****FROM: (Old Operator):**N2525-The Houston Exploration Company  
1100 Louisiana, Suite 2000  
Houston, TX 77002

Phone: 1-(713) 830-6938

**TO: ( New Operator):**N2750-Enduring Resources, LLC  
475 17th Street, Suite 1500  
Denver, CO 80202

Phone: 1-(303) 350-5102

**CA No.****Unit:****WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
SOUTHMAN CYN 4D-36	36	090S	230E	4304735361	14136	State	GW	P	C
SOUTHMAN CYN 6D-36	36	090S	230E	4304735362	14053	State	GW	P	
EAST BENCH 11-16-11-22	16	110S	220E	4304733251	12542	State	GW	DRL	
ASPHALT WASH 3-6-11-24	06	110S	240E	4304737062		Federal	GW	APD	C
ASPHALT WASH 4-6-11-24	06	110S	240E	4304737063		Federal	GW	NEW	C
ASPHALT WASH 5-6-11-24	06	110S	240E	4304737064		Federal	GW	NEW	C
ASPHALT WASH 7-6-11-24	06	110S	240E	4304737065		Federal	GW	APD	C
ASPHALT WASH 12-6-11-24	06	110S	240E	4304737066		Federal	GW	APD	C
ASPHALT WASH 14-6-11-24	06	110S	240E	4304737067		Federal	GW	APD	C
ASPHALT WASH 2-7-11-24	07	110S	240E	4304737068		Federal	GW	APD	C
ASPHALT WASH 6-7-11-24	07	110S	240E	4304737069		Federal	GW	APD	C
ASPHALT WASH 1-7-11-24	07	110S	240E	4304737084		Federal	GW	APD	C
ASPHALT WASH 4-7-11-24	07	110S	240E	4304737085		Federal	GW	APD	C
ASPHALT WASH 8-7-11-24	07	110S	240E	4304737086		Federal	GW	APD	C
ASPHALT WASH 7-7-11-24	07	110S	240E	4304737087		Federal	GW	APD	C
ASPHALT WASH 2-9-11-24	09	110S	240E	4304737070		Federal	GW	APD	C
ASPHALT WASH 10-9-11-24	09	110S	240E	4304737071		Federal	GW	APD	C
ASPHALT WASH 7-9-11-24	09	110S	240E	4304737072		Federal	GW	APD	C
ASPHALT WASH 11-9-11-24	09	110S	240E	4304737073		Federal	GW	APD	C
ASPHALT WASH 15-9-11-24	09	110S	240E	4304737074		Federal	GW	APD	C
ASPHALT WASH 16-9-11-24	09	110S	240E	4304737075		Federal	GW	APD	C
ASPHALT WASH 14-9-11-24	09	110S	240E	4304737076		Federal	GW	APD	C

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/26/20052. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/26/20053. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 9/29/20054. Is the new operator registered in the State of Utah: YES Business Number: 5771233-0161

5. If NO, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on:

Requested 9/29/05

6b. Inspections of LA PA state/fee well sites complete on:

n/a

6c. Reports current for Production/Disposition & Sundries on:

9/29/2005

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA n/a

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on:                      not yet

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 9/29/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/29/2005
3. Bond information entered in RBDMS on: 9/30/2005
4. Fee/State wells attached to bond in RBDMS on: 9/30/2005
5. Injection Projects to new operator in RBDMS on: n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New on: 9/26/2005

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UTB000173

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: n/a

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0008031
2. The **FORMER** operator has requested a release of liability from their bond on: n/a  
The Division sent response by letter on:

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**Request to Transfer Application or Permit to Drill**

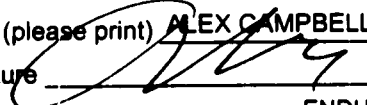
(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

<b>Well name:</b>	Asphalt Wash 4-7-11-24
<b>API number:</b>	4304737085
<b>Location:</b>	Qtr-Qtr NWNW Section 7 Township 11S Range 24E
<b>Company that filed original application:</b>	HOUSTON EXPLORATION COMPANY
<b>Date original permit was issued:</b>	
<b>Company that permit was issued to:</b>	HOUSTON EXPLORATION COMPANY

Check one	Desired Action:
<input type="checkbox"/>	Transfer pending (unapproved) Application for Permit to Drill to new operator
<input type="checkbox"/>	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
<input checked="" type="checkbox"/>	Transfer approved Application for Permit to Drill to new operator
<input type="checkbox"/>	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> If so, has the surface agreement been updated?	<input type="checkbox"/>	<input type="checkbox"/>
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Has the approved source of water for drilling changed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is bonding still in place, which covers this proposed well? Bond No. <u>RLB0008031</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) ALEX CAMPBELL Title VICE PRESIDENT OF LAND  
Signature  Date 09/19/2005  
Representing (company name) ENDURING RESOURCES, LLC

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

SEP 26 2005



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: The Houston Exploration Company <i>N2525</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1100 Louisiana, Ste 2000 CITY Houston STATE TX ZIP 77002		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (713) 830-6938		8. WELL NAME and NUMBER: See Attached List
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached List		9. API NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:

COUNTY: Uintah

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: Effective <u>9/1/05</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE <u>9/1/05</u>	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Enduring Resources, LLC Operator #N 2750 Utah State Bond #RLB0008031  
475 17th Street, Ste 1500  
Denver, CO 80202

Contact: Frank Hutto 303-350-5102

*Frank Hutto*  
Signature & Title

Date 9/19/05

NAME (PLEASE PRINT) <u>Joanne Hresko</u>	TITLE <u>Vice President/General Manager Onshore</u>
SIGNATURE <i>Joanne Hresko</i>	DATE <u>9/2/2005</u>

(This space for State use only)

**APPROVED** 9/29/2005  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

RECEIVED

SEP 26 2005

DIV. OF OIL, GAS & MINING

# TRANSFER OF OPERATOR

## NATURAL BUTTES FIELD, UINTAH COUNTY, UTAH DRILLED WELLS, TO BE OPERATED BY ENDURING RESOURCES, LLC

API Well Number	Well Name	Well Status	Qtr/Qtr	Section	Township-Range	FNL/FSL	FEL/FWL	Latitude	Longitude
43047355550000	Bonanza #10D-18	SI	NWSE	18	9S-24E	1437 S	1800 E	40.03340	-109.25282
43047355510000	Bonanza #12D-12	Producing	NWSW	12	9S-23E	1556 S	867 W	40.04788	-109.28055
43047356930000	Bonanza #2D-27	Producing	NWNE	27	9S-24E	1064 N	1824 E	40.01123	-109.19600
43047359080000	Bonanza 10-11	Producing	NWSE	11	9S-23E	1991 S	1755 E	40.04866	-109.29035
43047356920000	Bonanza 10D-8	SI	NWSE	8	9S-24E	1510 S	1768 E	40.04789	-109.23383
43047355520000	Bonanza 1-11	Producing	NWNW	11	9S-23E	990 N	990 E	40.05431	-109.29891
43047359290000	Bonanza 12-20	Drig	NWSW	20	9S-25E	1998 S	825 W	40.01947	-109.13150
43047-359210000	Bonanza 12A-18	Producing	NWSW	18	9S-24E	2067 S	813 W	40.03430	-109.26242
43047359090000	Bonanza 14-12	Evaluating	SESW	12	9S-23E	505 S	2001 W	40.04455	-109.27693
43047359940000	Bonanza 4-18	WOPL	NWNW	18	9S-24E	706 N	682 W	40.04119	-109.26288
43047-356220000	Bonanza 4D-16	Producing	NWNW	16	9S-24E	1152 N	1209 W	40.04000	-109.22349
43047358600000	Bonanza 6-36	Producing	SENW	36	9S-24E	2217 N	2009 W	39.99336	-109.16393
43047359120000	Bonanza 6B-8	Producing	SENW	8	9S-24E	2017 N	1878 W	40.05213	-109.24004
43047359200000	Bonanza 8D-7	Producing	SENE	7	9S-24E	1992 N	477 E	40.05220	-109.24845
43047359050000	Buck Canyon 15-24	P&A	SW/SE	24	12S-21E	700 S	2139 E	39.75386	-109.5134
43047348150000	Cartwright 2-35	TA	NWNE	35	9S-24E	858 N	2104 E	39.99733	-109.17882
43047332510000	East Bench 11-16	WOC	NESW	16	11S-22E	S S	1980 W	39.85889	-109.46172
43047347560000	Hoss 15	Producing	SWSE	20	9S-25E	1291 S	2088 E	40.01767	-109.12236
43047348140000	Little Joe 11-7	TA	NENE	7	9S-25E	710 N	644 E	40.05562	-109.13601
43047361500000	Rainbow 14-17	WOC	SESW	17	11S-24E	780 S	1726 W	39.85689	-109.25731
43047361840000	Rainbow 2-16	WOC	NWNE	16	11S-24E	837 N	2136 E	39.86708	-109.23348
43047353630000	Southman Canyon 10D-36	Producing	NWSE	36	9S-23E	1757 S	1650 E	39.98991	-109.27148
43047353640000	Southman Canyon 12D-36	Producing	NWSW	36	9S-23E	1518 S	1069 W	39.98977	-109.28040
43047357700000	Southman Canyon 14C-36	Producing	SESW	36	9S-23E	648 S	1717 W	39.98689	-109.27716
43047357720000	Southman Canyon 16C-36	Producing	SESE	36	9S-23E	542 S	736 E	39.98607	-109.26912
43047356910000	Southman Canyon 2D-30	Producing	NWNE	30	9S-24E	1171 N	1502 E	40.01111	-109.25269
43047353650000	Southman Canyon 2D-36	Producing	NWNE	36	9S-23E	960 N	1751 E	39.99711	-109.27228
43047353610000	Southman Canyon 4D-36	Producing	NWNW	36	9S-23E	1163 N	1137 W	39.99623	-109.28012
43047353620000	Southman Canyon 6D-36	Producing	SENW	36	9S-23E	2466 N	2271 W	39.99336	-109.27635
43047357710000	Southman Canyon 8C-36	Producing	SENE	36	9S-23E	2185 N	694 E	39.99358	-109.26783
43047355590000	Thurston Federal #12-1	Producing	SESW	12	12S-21E	692 S	1959 W	39.78280	-109.51768

# TRANSFER OF OPERATOR BLM APPROVED WELLS #7

**PREVIOUS OPERATOR:** Houston Exploration Company

**NEW OPERATOR:** Enduring Resources, LLC

**EFFECTIVE DATE:** September 1st, 2005

Well Name	Q/Q	Sec	T	R	Lease Number	Footages f/ Sec Lines - SL	API Number
<del>Asphalt Wash 13-7</del>	<del>SW/SW</del>	<del>7</del>	<del>11S</del>	<del>24E</del>	<del>UTU-73040</del>	<del>739' FSL &amp; 629' FWL</del>	<del>43-047-36234</del>
Bonanza 16-18	SE/SE	18	9S	24E	UTU-73457	861' FSL & 715' FEL	43-047-35992
Bonanza 4-11	NW/NW	11	9S	23E	UTU-74426	671' FNL & 729' FWL	43-047-35968
Bonanza 10D-12	NW/SE	12	9S	23E	UTU-74426	1,785' FSL & 1,855' FEL	43-047-35919
Bonanza 12-11	NW/SW	11	9S	23E	UTU-74426	1748' FSL & 420' FWL	43-047-35916
Bonanza 14-18	SE/SW	18	9S	24E	UTU-73457	472' FSL & 2,010' FWL	43-047-35993
Bonanza 14A-8	SE/SW	8	9S	24E	UTU-73457	907' FSL & 2,298' FWL	43-047-35952
Bonanza 16A-27	SE/SE	27	9S	24E	UTU-80571	862' FSL & 581' FEL	43-047-35923
Bonanza 2-21	NW/NE	21	8S	25E	UTU-73470	1,207' FNL & 1,541' FEL	43-047-35926
Bonanza 3-8	NW/NW	8	9S	24E	UTU-73457	573' FNL & 1,518' FWL	43-047-35966
Bonanza 6D-7	SE NW	7	9S	24E	UTU-73457	2,310' FNL & 2,310' FWL	43-047-35690
Bonanza 8-11	SE/NE	11	9S	23E	UTU-74426	2,163 FNL & 615' FEL	43-047-35907
Bonanza 8B-27	SE/NE	27	9S	24E	UTU-80571	1,830' FNL & 735' FEL	43-047-35923
Buck Camp 4-25	NW/NW	25	11S	22E	UTU-74424	804 FNL & 695 FWL	43-047-36276
Buck Camp 4-26	NW/NW	26	11S	22E	UTU-74974	660' FNL & 660' FWL	43-047-36274
Buck Canyon 1-24	NE/NE	24	12S	21E	UTU-73440	488' FNL & 833' FEL	43-047-35606
<del>Buck Canyon 15-24</del>	<del>SW/SE</del>	<del>24</del>	<del>12S</del>	<del>21E</del>	<del>UTU-73440</del>	<del>700' FSL &amp; 2,100' FEL</del>	<del>43-047-35905</del>
<del>Buck Canyon 7-24</del>	<del>SW/NE</del>	<del>24</del>	<del>12S</del>	<del>21E</del>	<del>UTU-73440</del>	<del>2,041' FNL &amp; 2,171' FEL</del>	<del>43-047-35904</del>
<del>Buck Canyon 9-24</del>	<del>NE/SE</del>	<del>24</del>	<del>12S</del>	<del>21E</del>	<del>UTU-73440</del>	<del>1784' FSL &amp; 855' FEL</del>	<del>43-047-35903</del>
Rainbow 1-17	NE/NE	17	11S	24E	UTU-73920	795' FNL & 586' FEL	43-047-36151
Southman Canyon #14-30	SE/SW	30	9S	24E	UTU-80571	740' FSL & 1,737' FWL	43-047-35914
Southman Canyon #4C-30	NW/NW	30	9S	24E	UTU-80571	676' FNL & 568' FWL	43-047-35913
Southman Canyon 12-30	NW/SW	30	9S	24E	UTU-80571	1,912' FSL & 513' FWL	43-047-36104
Southman Canyon 8-30	SE/NE	30	9S	24E	UTU-80571	1,875' FNL & 818' FEL	43-047-35994
Southman Canyon 9-30	NE/SE	30	9S	24E	UTU-80571	2,089' FSL & 831' FEL	43-047-36019

\*43047-35906  
• 43047-35953

# TRANSFER OF OPERATOR

## STATE OF UTAH APPROVED AND PENDING #3

**PREVIOUS OPERATOR:** Houston Exploration Company

**NEW OPERATOR:** Enduring Resources, LLC

**EFFECTIVE DATE:** September 1st, 2005

Well Name	Q/Q	Sec	T	R	Lease Number	Footages f/ Sec Lines - SL	API Number	FIELD	Well Type
Asphalt Wash 11-16-11-24	NESW	16	11S	24E	ML-73921	2000 FSL & 1900 FWL	43-047-37088	Undesignated	Gas
Asphalt Wash 12-16-11-24	NWSW	16	11S	24E	ML-47080	2060 FSL & 839 FWL	43-047-36873	Undesignated	Gas
Asphalt Wash 14-16-11-24	SESW	16	11S	24E	ML-47080	537 FSL & 2140 FWL	43-047-36876	Undesignated	Gas
Asphalt Wash 3-16-11-24	NENW	16	11S	24E	ML-47080	825 FNL & 2116 FWL	43-047-36886	Undesignated	Gas
Asphalt Wash 4-16-11-24	NWNW	16	11S	24E	ML-47080	521 FNL & 766 FWL	43-047-36885	Undesignated	Gas
Asphalt Wash 5-16-11-24	SWNW	16	11S	24E	ML-47080	1880 FNL & 630 FWL	43-047-37089	Undesignated	Gas
Asphalt Wash 7-16-11-24	SWNE	16	11S	24E	ML-47080	1781 FNL & 1676 FEL	43-047-36874	Undesignated	Gas
Asphalt Wash 8-16-11-24	SENE	16	11S	24E	ML-47080	1905 FNL & 642 FEL	43-047-36875	Undesignated	Gas
Bonanza 14-20	SESW	20	9S	25E	ML-45558	838' FSL & 1,922' FWL	43-047-35930	Chapita Wells	Gas
Bonanza 4-20	NWNW	20	9S	25E	ML-45558	933' FNL & 583 FWL	43-047-35924	Chapita Wells	Gas
Bonanza 4-29	NWNW	29	9S	25E	ML-45559	600' FNL & 596' FWL	43-047-36010	Chapita Wells	Gas
Bonanza 4-36	NWNW	36	9S	24E	ML-46527	258' FNL & 862' FWL	43-047-35861	Natural Buttes	Gas
Bonanza 6-20	SENE	20	9S	25E	ML-45558	2,178' FNL & 1,839' FWL	43-047-35928	Chapita Wells	Gas
<del>Buck Canyon 9-16-12-21</del>	<del>NESE</del>	<del>16</del>	<del>12S</del>	<del>21E</del>	<del>ML-47085</del>	<del>1980' FSL &amp; 660' FEL</del>	<del>43-047-37091</del>	<del>Buck Canyon</del>	<del>Gas</del>
Buck Canyon 11-16-12-21	NESW	16	12S	21W	ML-47085	NA	43-047-37119	Undesignated	Gas
Buck Canyon 13-16-21-21	SWSW	16	21S	21W	ML-47085	NA	43-047-37118	Undesignated	Gas
Buck Canyon 15-16-12-21	SWSE	16	12S	21W	ML-47085	NA	43-047-37120	Buck Canyon	Gas
East Bench 1-16	NENE	16	11S	22E	ML-46911	660' FNL & 660' FEL	43-047-36126	Undesignated	Gas
East Bench 15-16	SWSE	16	11S	22E	ML-46911	545' FSL & 1,848' FEL	43-047-36128	Undesignated	Gas
East Bench 3-16	NENW	16	11S	22E	ML-46911	832' FNL & 1,978' FWL	43-047-36125	Undesignated	Gas
East Bench 7-16	SWNE	16	11S	22E	ML-46911	1,909' FNL & 1,643' FEL	43-047-36127	Undesignated	Gas
East Bench 12-16-11-22	NWSW	16	11S	22E	ML-46911	1862 FSL & 838 FEL	43-047-37128	Undesignated	Gas
East Bench 13-16-11-22	SWSW	16	11S	22E	ML-46911	880 FSL & 750 FWL	43-047-37130	Undesignated	Gas
East Bench 14-16-11-22	SESW	16	11S	22E	ML-46911	848 FSL & 1930 FWL	43-047-37122	Undesignated	Gas
East Bench 16-16-11-22	SESE	16	11S	22E	ML-46911	663 FSL & 1055 FEL	43-047-37121	Undesignated	Gas
East Bench 2-16-11-22	NWNE	16	11S	22E	ML-46911	705 FNL & 2077 FEL	43-047-37125	Undesignated	Gas
East Bench 4-16-11-22	NWNW	16	11S	22E	ML-46911	760 FNL & 860 FWL	43-047-37126	Undesignated	Gas
East Bench 5-16-11-22	SWNW	16	11S	22E	ML-46911	1980 FNL & 758 FWL	43-047-37129	Undesignated	Gas
East Bench 6-16-11-22	SENE	16	11S	22E	ML-46911	1887 FNL & 2138 FWL	43-047-37124	Undesignated	Gas
East Bench 8-16-11-22	SENE	16	11S	22E	ML-46911	1880 FNL & 780 FEL	43-047-37127	Undesignated	Gas
East Bench 9-16-11-22	NESE	16	11S	22E	ML-46911	2035 FSL & 1422 FEL	43-047-37123	Undesignated	Gas
<del>Gusher 6-2</del>	<del>SENE</del>	<del>2</del>	<del>0S</del>	<del>19E</del>	<del>ML-48144</del>	<del>1550 FNL &amp; 1025 FWL</del>	<del>43-047-36993</del>	<del>Moffit Canal</del>	<del>Oil</del>
Hanging Rock 1-32	NENE	32	11S	23E	ML-47079	542' FNL & 690' FEL	43-047-36309	Undesignated	Gas
Little Pack Mountain 1-16	NWNW	16	12S	20E	ML-47082	609 FNL & 688 FEL	43-047-36981	Wildcat	Gas
Little Pack Mountain 7-32	SWNE	32	12S	20E	ML-47083	1792 FNL & 1797 FEL	43-047-36980	Wildcat	Gas
Rock House 12-36-10-23	NWSW	36	10S	23E	ML-47907	1844 FSL & 755 FWL	43-047-36534	Natural Buttes	Gas
Rock House 13-32-10-23	SWSW	32	10S	23E	ML-47063	564 FSL & 471 FWL	43-047-36411	Natural Buttes	Gas
Rock House 1-36-10-22	NENE	36	10S	22E	ML-47061	620 FNL & 850 FEL	43-047-36408	Natural Buttes	Gas
Rock House 3-36-10-22	NENW	36	10S	22E	ML-47061	934 FNL & 1783 FWL	43-047-36407	Natural Buttes	Gas
Rock House 4-32-10-23	SWNW	32	10S	23E	ML-47063	1406 FNL & 562 FWL	43-047-36412	Natural Buttes	Gas
Rock House 7-36-10-22	SWNE	36	10S	22E	ML-47061	2209 FNL & 2445 FEL	43-047-36409	Natural Buttes	Gas
<del>Rock House 9-32-10-23</del>	<del>NESE</del>	<del>32</del>	<del>10S</del>	<del>23E</del>	<del>ML-47063</del>	<del>8008 FSL &amp; 1042 FEL</del>	<del>43-047-36337</del>	<del>Natural Buttes</del>	<del>Gas</del>
Rockhouse #13-36	SWSW	36	10S	22E	ML-46907	486 FSL & 844' FWL	43-047-35902	Natural Buttes	Gas
Rockhouse 16-2	SESE	2	11S	23E	ML-47078	909' FSL & 748' FEL	43-047-36152	Rockhouse	Gas
Seep Springs 10-13-12-24	NWSE	13	12S	24E	ML-49275	1950 FSL & 1802 FEL	43-047-36634	Undesignated	Gas
Seep Springs 1-13-12-24	NENE	13	12S	24E	ML-49275	753 FNL & 487 FEL	43-047-36628	Undesignated	Gas
Seep Springs 15-11-12-24	SWSE	11	12S	24E	ML-49274	829 FSL & 2178 FEL	43-047-36626	Undesignated	Gas
Seep Springs 15-13-12-24	SWSE	13	12S	24E	ML-49275	622 FSL & 1806 FEL	43-047-36630	Undesignated	Gas
Seep Springs 16-11-12-24	SESE	11	12S	24E	ML-49274	659 FSL & 466 FEL	43-047-36625	Undesignated	Gas
Seep Springs 16-13-12-24	SESE	13	12S	24E	ML-49275	686 FSL & 640 FEL	43-047-36629	Undesignated	Gas
Seep Springs 2-13-12-24	NWNE	13	12S	24E	ML-49275	485 FNL & 1807 FEL	43-047-36627	Undesignated	Gas
Seep Springs 7-13-12-24	SWNE	13	12S	24E	ML-49275	FNL & FEL	43-047-36631	Undesignated	Gas
Seep Springs 8-13-12-24	SENE	13	12S	24E	ML-49275	1969 FNL & 642 FEL	43-047-36632	Undesignated	Gas
Seep Springs 9-13-12-24	NESE	13	12S	24E	ML-49275	663 FSL & 1960 FEL	43-047-36633	Undesignated	Gas
<del>Southman Canyon 11-36-9-23</del>	<del>NESW</del>	<del>36</del>	<del>9S</del>	<del>23E</del>	<del>ML-47782</del>	<del>1965 FSL &amp; 1953 FWL</del>	<del>43-047-36535</del>	<del>Natural Buttes</del>	<del>Gas</del>
<del>Southman Canyon 13-36-9-23</del>	<del>SWSW</del>	<del>36</del>	<del>9S</del>	<del>23E</del>	<del>ML-47782</del>	<del>467 FSL &amp; 923 FWL</del>	<del>43-047-36532</del>	<del>Natural Buttes</del>	<del>Gas</del>

# TRANSFER OF OPERATOR STATE OF UTAH APPROVED AND PENDING

**PREVIOUS OPERATOR:** Houston Exploration Company

**NEW OPERATOR:** Enduring Resources, LLC

**EFFECTIVE DATE:** September 1st, 2005

Well Name	Q/Q	Sec	T	R	Lease Number	Footages f/ Sec Lines - SL	API Number	FIELD	Well Type
Southman Canyon 1-36-9-23	NENE	36	9S	23E	ML-47782	681 FNL & 496 FEL	43-047-36537	Natural Buttes	Gas
Southman Canyon 15-36-9-23	SWSE	36	9S	23E	ML-47782	529 FSL & 1784 FEL	43-047-36529	Natural Buttes	Gas
Southman Canyon 3-36-9-23	NENW	36	9S	23E	ML-47782	484 FNL & 1815 FWL	43-047-36530	Natural Buttes	Gas
Southman Canyon 5-36-9-23	SWNW	36	9S	23E	ML-47782	2028 FNL & 499 FWL	43-047-36531	Natural Buttes	Gas
Southman Canyon 7-36-9-23	SENE	36	9S	23E	ML-47782	2184 FNL & 1994 FEL	43-047-36536	Natural Buttes	Gas
Southman Canyon 9-36-9-23	NESE	36	9S	23E	ML-47782	1978 FNL & 657 FEL	43-047-36533	Natural Buttes	Gas

# TRANSFER OF OPERATOR BLM PENDING WELLS

**PREVIOUS OPERATOR:** Houston Exploration Company

**NEW OPERATOR:** Enduring Resources, LLC

**EFFECTIVE DATE:** September 1st, 2005

Well Name	Q/Q	Sec	T	R	Lease Number	Footages f/ Sec Lines - SL	API Number
<del>Asphalt Wash 12-6</del>	<del>SW/SW</del>	<del>6</del>	<del>11S</del>	<del>24E</del>	<del>UTU-73919</del>	<del>400' FSL &amp; 550' FWL</del>	
Asphalt Wash 10-9-11-24	NW SE	9	11S	24E	UTU-73920	1846 FSL & 1942 FEL	43-047-37071
Asphalt Wash 11-9-11-24	NE SW	9	11S	24E	UTU-73920	1799 FSL & 1782 FWL	43-047-37073
Asphalt Wash 12-6-11-24	NW SW	6	11S	24E	UTU-73919	1844 FSL & 683 FWL	43-047-37066
Asphalt Wash 14-6-11-24	SE SW	6	11S	24E	UTU-73919	704 FSL & 2123 FWL	43-047-37067
Asphalt Wash 14-9-11-24	SE SW	9	11S	24E	UTU-73920	460 FSL & 2115 FWL	43-047-37076
Asphalt Wash 15-9-11-24	SW SE	9	11S	24E	UTU-73920	804 FSL & 1990 FEL	43-047-37074
Asphalt Wash 16-9-11-24	SE SE	9	11S	24E	UTU-73920	826 FSL & 472 FEL	43-047-37075
Asphalt Wash 2-6-11-24	NW NE	6	11S	24E	UTU-73919	735 FNL & 1590 FEL	43-047-37061
Asphalt Wash 2-7-11-24	NW NE	7	11S	24E	UTU-73919	621 FNL & 2462 FEL	43-047-37068
Asphalt Wash 2-9-11-24	NW NE	9	11S	24E	UTU-73920	829 FNL & 1774 FEL	43-047-37070
Asphalt Wash 3-6-11-24	NE NW	6	11S	24E	UTU-73919	792 FNL & 1925 FWL	43-047-37062
Asphalt Wash 4-6-11-24	NW NW	6	11S	24E	UTU-73919	820 FNL & 1007 FWL	43-047-37063
Asphalt Wash 5-6-11-24	SW NW	6	11S	24E	UTU-73919	1738 FNL & 716 FWL	43-047-37064
Asphalt Wash 6-7-11-24	SE NW	7	11S	24E	UTU-73919	2013 FNL & 2241 FWL	43-047-37069
Asphalt Wash 7-6-11-24	SW NE	6	11S	24E	UTU-73919	1616 FNL & 1615 FEL	43-047-37065
Asphalt Wash 7-9-11-24	SE NE	9	11S	24E	UTU-73920	1883 FNL & 1854 FEL	43-047-37072
Asphalt Wash 1-7-11-24	NE NE	7	11S	24E	UTU-73919	426 FNL & 270 FEL	43-047-37084
Asphalt Wash 4-7-11-24	NW NW	7	11S	24E	UTU-73919	856 FNL & 860 FWL	43-047-37085
Asphalt Wash 7-7-11-24	SW NE	7	11S	24E	UTU-73919	1909 FNL & 1893 FEL	43-047-37087
Asphalt Wash 8-7-11-24	SE NE	7	11S	24E	UTU-73919	1998 FNL & 683 FEL	43-047-37086
Bonanza 4-7	NW/NW	7	9S	24E	UTU-73457	809' FNL & 670' FWL	43-047-36017
Bonanza 8-17	SW/NE	17	9S	24E	UTU-73457	1865' FNL & 584' FEL	43-047-36041
Bonanza 11-11-9-23	NE SW	11	9S	23E	UTU-74426	2036 FSL & 2043 FWL	43-047-36649
Bonanza 11-12-9-23	NE SW	12	9S	23E	UTU-74426	1799 FSL & 1948 FWL	43-047-36655
Bonanza 11-18-9-24	NE SW	18	9S	24E	UTU-73457	1785 FSL & 2133 FWL	43-047-36637
Bonanza 12-23-9-24	NW/SW	23	9S	24E	UTU-81311	1882 FSL & 699 FWL	43-047-36640
Bonanza 12-35	NW/SW	35	9S	24E	UTU 73459	1374' FSL & 858' FWL	43-047-36020
Bonanza 13-11-9-23	SW SW	11	9S	23E	UTU-74426	463 FSL & 773 FWL	43-047-36650
Bonanza 13-12-9-23	SW SW	12	9S	23E	UTU-74426	661 FSL & 656 FWL	43-047-36528
Bonanza 13-18-9-24	SW SW	18	9S	24E	UTU-73457	767 FSL & 583 FWL	43-047-36638
Bonanza 14-11-9-23	SE SW	11	9S	23E	UTU-74426	756 FSL & 1859 FWL	43-047-36651
Bonanza 14-23-9-24	SE/SW	23	9S	24E	UTU-81311	560 FSL & 1878 FWL	43-047-36641
Bonanza 15-11-9-23	SW SE	11	9S	23E	UTU-74426	660 FSL & 1980 FEL	43-047-36652
Bonanza 15-12-9-23	SW SE	12	9S	23E	UTU-74426	607 FSL & 1920 FEL	43-047-36656
Bonanza 15-18-9-24	SW SE	18	9S	24E	UTU-73457	463 FSL & 2162 FEL	43-047-36639
Bonanza 16-12-9-23	SE SE	12	9S	23E	UTU-74426	855 FSL & 536 FEL	43-047-36657
Bonanza 16-8	SE/SE	8	9S	24E	UTU-73457	588' FSL & 524' FEL	43-047-36101
Bonanza 2-11-9-23	NW NE	11	9S	23E	UTU 74426	664 FNL & 1925 FEL	43-047-36643
Bonanza 2-12-9-23	NW NE	12	9S	23E	UTU-74426	743 FNL & 1962 FEL	43-047-36527
Bonanza 3-11-9-23	NE NW	11	9S	23E	UTU 74426	499 FNL & 1898 FWL	43-047-36644
Bonanza 3-12-9-23	NE NW	12	9S	23E	UTU-74426	734 FNL & 1866 FWL	43-047-36524
Bonanza 4-35	NW/NW	35	9S	24E	UTU 73459	789' FNL & 807' FWL	43-047-35925
Bonanza 5-11-9-23	SW NW	11	9S	23E	UTU 74426	1794 FNL & 609 FWL	43-047-36645

# TRANSFER OF OPERATOR BLM PENDING WELLS

**PREVIOUS OPERATOR:** Houston Exploration Company

**NEW OPERATOR:** Enduring Resources, LLC

**EFFECTIVE DATE:** September 1st, 2005

Well Name	Q/Q	Sec	T	R	Lease Number	Footages f/ Sec Lines - SL	API Number
Bonanza 5-12-9-23	SW NW	12	9S	23E	UTU-74426	1996 FNL & 558 FWL	43-047-36526
Bonanza 5-18-9-24	SW NW	18	9S	24E	UTU-73457	2147 FNL & 662 FWL	43-047-36635
Bonanza 5-22	SW/NW	22	8S	25E	UTU-73470	1,932' FNL & 415' FWL	43-047-35918
Bonanza 5-24-9-24	SW/NW	24	9S	24E	UTU-73458	2167 FNL & 714 FWL	43-047-36642
Bonanza 6-11-9-23	SE NW	11	9S	23E	UTU-74426	2069 FNL & 1801 FWL	43-047-36646
Bonanza 6-12-9-23	SE NW	12	9S	23E	UTU-74426	2114 FNL & 1871 FWL	43-047-36525
Bonanza 7-11-9-23	SW NE	11	9S	23E	UTU-74426	2060 FNL & 2134 FEL	43-047-36647
Bonanza 7-12-9-23	SW NE	12	9S	23E	UTU-74426	2065 FNL & 2159 FEL	43-047-36653
Bonanza 8-35	SENE	35	9S	24E	UTU-73459	1987' FNL & 909' FEL	43-047-36105
Bonanza 9-11-9-23	NE SE	11	9S	23E	UTU-74426	2008 FSL & 553 FEL	43-047-36648
Bonanza 9-12-9-23	NE SE	12	9S	23E	UTU-74426	1980 FSL & 660 FEL	43-047-36654
Bonanza 9-18-9-24	NE SE	18	9S	24E	UTU-73457	2009 FSL & 852 FEL	43-047-36636
Bonanza 9-22	NE/SE	22	9S	24E	UTU-75118	1,969' FSL & 495' FEL	43-047-36102
East Bench 9-20	NE/SE	20	11S	22E	UTU-73905	2,170' FSL & 472' FEL	43-047-36275
Rock House 12-30-10-23	NE SW	30	10S	23E	UTU-76281	2320 FSL & 1980 FWL	43-047-36548
Rock House 12-31-10-23	NW SW	31	10S	23E	UTU-76281	1900 FSL & 460 FWL	43-047-36552
Rock House 13-30-10-23	SW SW	30	10S	23E	UTU-76281	553 FSL & 573 FWL	43-047-36549
Rock House 14-31-10-23	SE SW	31	10S	23E	UTU-76281	860 FSL & 1890 FWL	43-047-36553
Rock House 3-31-10-23	NE NW	31	10S	23E	UTU-76281	854 FNL & 1940 FWL	43-047-36551
Rock House 5-30-10-23	SW NW	30	10S	23E	UTU-76281	1858 FNL & 703 FWL	43-047-36547
Rock House 5-31-10-23	SW NW	31	10S	23E	UTU-76281	2055 FNL & 2097 FWL	43-047-36550
Rock House 6-31-10-23	SE NW	31	10S	23E	UTU-76281	2059 FNL & 2111 FWL	43-047-36554
<del>Rockhouse #12-30</del>	<del>NW/SW</del>	<del>30</del>	<del>10S</del>	<del>23E</del>	<del>UTU-80571</del>	<del>1,980' FSL &amp; 660' FWL</del>	<del>43-047-36018</del>
Rockhouse 13C-31	SW/SW	31	10S	23E	UTU-76281	135' FSL & 365' FWL	43-047-35911
Rockhouse 4D-30	NW NW	30	10S	23E	UTU-76281	1,116 FNL & 1,135' FWL	43-047-35882
Rockhouse 4D-31	NW NW	31	10S	23E	UTU-76281	990' FNL & 990' FWL	43-047-35807
Southman Canyon 12-3-11-24	NW/SW	3	11S	24E	UTU-73918	1,950' FSL & 514' FWL	43-047-36272
Southman Canyon 12-30-10-24	NW/SW	30	10S	24E	UTU-85371	2,118' FSL & 502' FWL	43-047-36238
Southman Canyon 13-30	SW/SW	30	9S	24E	UTU-80571	765' FSL & 303' FWL	43-047-36018
Southman Canyon 16-31-10-24	SE/SE	31	10S	24E	UTU-85371	621' FSL & 575' FEL	43-047-36270
Southman Canyon 4-30-10-24	NW/NW	30	10S	24E	UTU 85371	649' FNL & 607' FWL	43-047-36237
Southman Canyon 5-19-10-24	SW/NW	19	10S	24E	UTU-85371	1,978' FNL & 855' FWL	43-047-36236
Southman Canyon 6-30	SE/NW	30	9S	24E	UTU-80571	2,015' FNL & 2,581' FWL	43-047-36103

x Duplicate API -  
Different well name

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU-73919

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
n/a

7. UNIT or CA AGREEMENT NAME:  
n/a

8. WELL NAME and NUMBER:  
Asphalt Wash 11-24-11-7

9. API NUMBER:  
4304737085

10. FIELD AND POOL, OR WILDCAT:  
No name

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

2. NAME OF OPERATOR:

Enduring Resources, LLC

3. ADDRESS OF OPERATOR:

475 17th Street, Suite 1500

Denver

CO

80202

PHONE NUMBER:

(303) 350-5114

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 856' FNL - 860' FWL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 7 11S 24E S

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ NOTICE OF INTENT  
(Submit in Duplicate)  
Approximate date work will start:  
6/29/2006

☐ SUBSEQUENT REPORT  
(Submit Original Form Only)  
Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☒ OTHER: Request for APD  
Extension

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Enduring Resources, LLC respectfully request an extension to the expiration date of this Application for Permit to Drill ....

FROM: 8-31-2006

TO: 8-31-2007

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 8-7-06

By: [Signature]

COPY SENT TO OPERATOR  
Date: 10-11-06  
Initials: RM

NAME (PLEASE PRINT) Alvin R. (Al) Arlian

TITLE Landman - Regulatory Specialist

SIGNATURE [Signature]

DATE 6/29/2006

(This space for State use only)

RECEIVED  
JUL 12 2006



**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 4304737085  
**Well Name:** Asphalt Wash 11-24-11-7  
**Location:** 856' FNL - 860' FWL, NWNW, Sec 7, T11S-R24E  
**Company Permit Issued to:** The Houston Exploration Company  
**Date Original Permit Issued:** 8/31/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☐

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

  
Signature

6/29/2006  
Date

**Title:** Landman - Regulatory Specialist

**Representing:** Enduring Resources, LLC

**RECEIVED**  
**JUL 12 2006**  
DIV. OF OIL, GAS & MINING



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

April 12, 2007

Evette Bissett  
Enduring Resources LLC  
475 17<sup>TH</sup> Street, Suite 1500  
Denver, CO 80202

Re: APDs Rescinded at the request of Enduring Resources


Dear Ms. Bissett:

Enclosed find the list of APDs that you requested to be rescinded to Enduring Resources. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded, effective April 12, 2007.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject locations.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

  
Diana Mason  
Environmental Scientist

cc: Well File  
Bureau of Land Management, Vernal

Page 2  
April 12, 2007  
Subject:

AW 11-24-11-7  
AW 11-24-32-7  
Bonanza 9-24-12-24  
Bonanza 9-24-44-8  
Bonanza 9-24-42-35  
Bonanza 9-24-23-18  
Bonanza 9-24-14-18  
Bonanza 9-24-34-18  
Bonanza 9-24-24-23  
Bonanza 9-24-24-22  
Bonanza 9-24-43-27  
Bonanza 9-24-32-27  
East Bench 11-22-32-17  
East Bench 11-22-43-20  
East Bench 11-22-12-17  
East Bench 11-22-41-17